

Title (en)  
Joint lock

Title (de)  
Gelenkschloss

Title (fr)  
Serrure articulée

Publication  
**EP 2811089 A3 20150909 (DE)**

Application  
**EP 14170853 A 20140603**

Priority  
DE 102013210475 A 20130605

Abstract (en)  
[origin: US2014360233A1] A joint lock comprises a lock body and a joint bar hoop, wherein the lock body accommodates a lock cylinder and a latch which is selectably movable by the lock cylinder from a locked position into a release position and wherein the joint bar hoop comprises a plurality of joint bars pivotally linked to one another, wherein a first end of the joint bar hoop has an elongate closing bar which can be introduced into an introduction opening of the lock body and which can be locked in the lock body by means of the latch. The joint lock is characterized in that the lock body furthermore accommodates a preloading device which preloads the latch into the locking position, with the latch being temporarily movable against the preloading from the locking position into the release position by introduction of the locking bar into the lock body, with the preloading device being adapted to move the latch back into the locking position again when the locking bar is completely introduced into the lock body.

IPC 8 full level  
**E05B 67/00** (2006.01); **E05B 71/00** (2006.01)

CPC (source: EP US)  
**E05B 67/003** (2013.01 - EP US); **E05B 71/00** (2013.01 - EP US); **E05B 73/00** (2013.01 - US); **E05B 73/0005** (2013.01 - US);  
**Y10T 70/409** (2015.04 - EP US)

Citation (search report)  
• [XA] FR 2503077 A1 19821008 - NEIMAN SA [FR]  
• [XA] EP 1353029 A1 20031015 - BREMICKER SOEHNE KG A [DE]  
• [A] DE 102004052463 A1 20060504 - BREMICKER SOEHNE KG A [DE]  
• [A] US 2011308282 A1 20111222 - CHEN MAO-YI [CN]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2811089 A2 20141210**; **EP 2811089 A3 20150909**; **EP 2811089 A8 20150429**; **EP 2811089 B1 20181226**; CN 104234543 A 20141224;  
CN 104234543 B 20171128; DE 102013210475 A1 20141211; DK 2811089 T3 20190304; DK 3054068 T3 20200309; EP 3054068 A1 20160810;  
EP 3054068 B1 20200129; ES 2717719 T3 20190624; ES 2773924 T3 20200715; US 2014360233 A1 20141211; US 9217265 B2 20151222

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**EP 14170853 A 20140603**; CN 201410246626 A 20140605; DE 102013210475 A 20130605; DK 14170853 T 20140603;  
DK 16160141 T 20140603; EP 16160141 A 20140603; ES 14170853 T 20140603; ES 16160141 T 20140603; US 201414292011 A 20140530